

# Pacific Aviation Directors Workshop – Guam Marriott Hotel



April 04 thru 07, 2006

# Commonwealth Ports Authority (CPA)



**Report on Airport Affairs and  
Capital Improvements 2005/06**

# CPA's Vision



- **CNMI as a first class tourist destination**
- **CNMI giving visitors a unique and memorable experience in each island-Saipan, Tinian and Rota**
- **CPA building world-class airport facilities**
- **Airports operating at the lowest possible cost for the passengers and airlines**
- **Visitors having direct access and convenient travel routes to these beautiful islands.....remove operational and marketing restrictions for qualified air carriers**

# Major Challenges at CPA



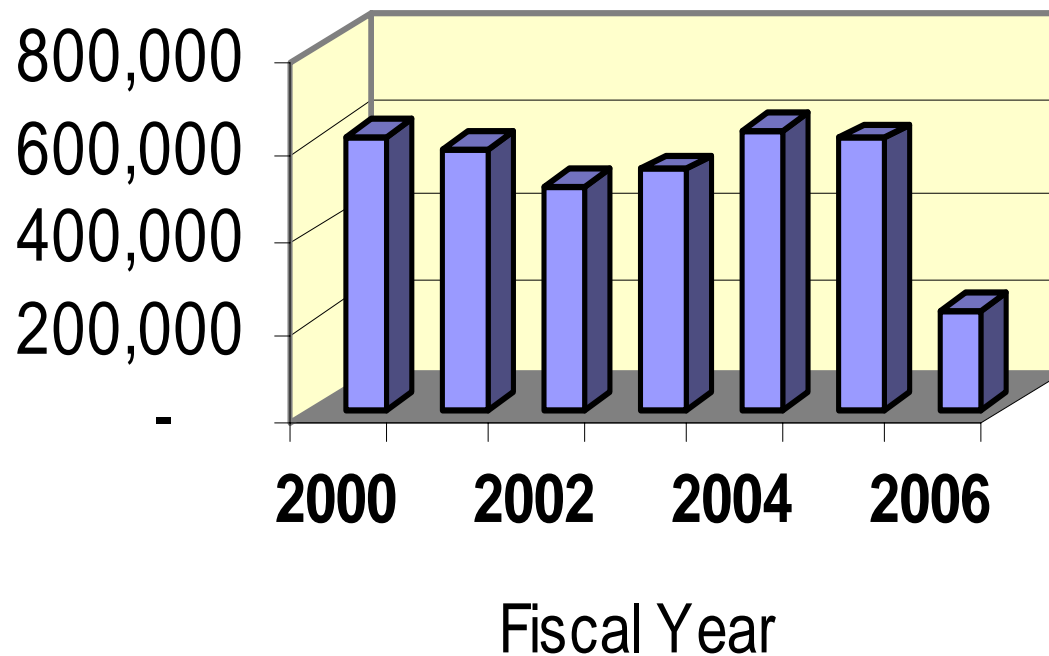
- In 2004 and 2005 passenger arrivals rebounded as high as 16%; unfortunately, JAL's pull out in Oct 2005 has created a 38% seat reduction for this year.
- Northwest Airlines' new and additional daily flights still fall short of filling the void (airport slot constraints at Narita airport)
- While other markets, i.e. Korea and China are stable, Japanese visitors have already dropped by 26% during the first 3 months of fiscal year 2006.

# Financial Impact on 3 CNMI Airports



- Compliance with bond ratio dropped from 2.41 to .29 in 2006 (Oct to Jan) ---- short by 0.96 points.
- Cost per enplanement increased from \$14 per pax to \$19 per pax for 3 airports combined
- Total departing passengers is minus 11% overall from last year as of Jan 06;
- A deficit of \$100,000 in 2006 versus a net income of \$1.2 Million

# Enplanement (Departing Passengers at SIA.....2006 is for 5 months only)

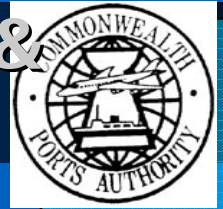


# CPA's Plan to Rebound



- **Maintain all regular weekly flights of Northwest Airlines, Asiana, China Southern, China Eastern Airlines and Continental ( and Cape Air too)**
- **Reduce operating costs to remove deficit and meet 1.25 bond debt ratio requirement before year end**
- **Complete independent airport consultant's rate analysis**
- **Increase concession revenue by upgrading food and beverage outlets**
- **Pursue alternate airlines to replace JAL as demand really exist**
- **Continue expanding and improving airport facilities as planned**

# CPA's Plan to Rebound - 2006 & Beyond



- File petition with US DOT for expanded air service...in progress
- Pursue low cost carriers to serve Taipei, Hong Kong and other China markets
- CIP to be funded with AIP's and PFC's only
- Maintain airport fee discounts as incentives for the airlines
- Modernize the entire SIA terminal buildings starting 2007
- Continue working closely with all Pacific island airports to further improve aviation safety



# Capital Improvement Projects at

- ◆ Saipan International Airport
- ◆ Tinian International Airport
- ◆ Rota International Airport



# Runway 07/25 Rehabilitation Project at SIA



- Scope: rehabilitation of the existing runway at the Saipan International Airport. To avoid interrupting flight operations, the existing parallel taxiway will be converted to a temporary runway during construction times.

Phase I - relocate water catchment for compliance with runway safety area requirements when parallel taxiway is used as temporary runway. At the moment, our HPO has issues with new site and resulted in suspending the project. Engineers have begun the environmental assessment process, addressing historical and fish and wildlife issues.

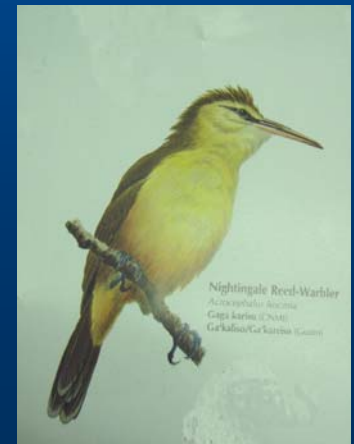
Phase II - convert the parallel taxiway as a temporary runway during construction of main runway (resurfacing, grooving and markings).

# Runway 07/25 Rehabilitation Project Continuation...



- **Status:** Phase I is on hold due to historical and fish and wildlife issues. Coordination with FAA for Section 106 Consultation in progress due to an old WWII aircraft hardstand. CPA had to suspend work until both wildlife and historical clearances are obtained. Tentative date for the project to resume is April 2006.

As for Phase II, the revised bid proposal documents for re-bidding are being finalized and will be advertised in September 2006.



# Runway Safety

## Area Improvements at SIA



- Scope: to meet the objectives of the Runway Safety Area Program, FAA Order 5200.8, as required at federally obligated airports and airports certificated under 14 CFR, Part 139 to conform to the standards pursuant to AC 150/5300-13, Airport Design, to the extent practicable.

Status: CPA has issued a notice to proceed to the engineering design consultant effective January 16, 2006. The design for this project should be completed by July 14, 2006.

# Pacific Region ARFF Training Facility at SIA



- Scope: Similar to those in Maui, Kona and Moses Lake in Washington State, CPA and FAA constructed a state-of-the-art ARFF training facility (burn pit) funded by AIP grants. Construction started in July 2003 and now the burn pit is being used for training all fire fighters in the Pacific.





# Perimeter (Security) Fencing



- Due to the deteriorating condition of the existing perimeter fence, CPA was fortunate with a AIP grant to replace the entire perimeter fence at SIA. The project was completed in early 2005.



# ARFF Classroom for the Pac Region ARFF Training Facility



- Scope: to expand the existing ARFF Station and add a two-storey building with a classroom, new office space, living quarters, kitchen and dispatch office. The new building is now in use to train Pacific island fire fighters.





# High Roof Replacement



- Scope: due to the deteriorating old shingles, the entire roof has been replaced. We were very fortunate to be able to use an AIP grant for this project. The new roof gives the airport a new look using stronger and better material. The project was recently complete by AIC Construction Company.





# EDS Installation/Departure Terminal Expansion



- CPA sought funding for the needed terminal reconfiguration for a state of the art EDS system and subsequently CPA received sufficient FAA grants to pay for the entire project. The Boeing Company was awarded with a design/build contract and the project is now underway.
- This project expands departure terminal building with additional check in counters, air conditioning, a state of the art in-line conveyor system and exclusive behind the wall TSA EDS operation for all baggage using CTX machines. No baggage screening activities at check in lobby. Completion is before end of 2006.



# Two Passenger Loading Bridges



- Scope: Replacement of the two old loading bridges using AIP funds. Jetways 4 and 5 are scheduled to be replaced anytime.
- Status: CPA has negotiated with the highest-ranking firm for Architectural/Engineering Design and Construction Management services and now awaiting for FAA approval. NTP will be issued as soon as the agreement is executed.



# Terminal Modernization Program



- **Scope:** CPA will modernize the entire Saipan International Airport. Preparation for the design has commenced, which will incorporate terminal improvements such as concourses, ticket lobbies, baggage makeup, immigration, customs, baggage claim and passenger pick-up and drop-off areas, multiple flight information displays, a public address system, parking areas and upgrade of the water system. This project will be multi-year and in phases to avoid disruptions. CPA will dedicate its entitlement funds to fund the entire project.
- **Status:** CPA recently received a grant offer for the planning and design phase of the project. Qualification statements were received on September 2, 2005 and are pending review by CPA's Evaluation Committee.



# Apron Conversion

## *Phase III*



- **Scope:** This project is a continuation of two other projects to improve the apron sections of the airport. This project is the conversion of the apron from asphalt concrete cement to Portland Concrete Cement.
- **Status:** The prefinal plans and specification documents have been forwarded to FAA for review. Upon FAA's approval, CPA will advertise for bids.





# ARFF Building Expansion



- Scope: With the newly completed Pacific Regional ARFF Training Center in full operations, additional ARFF vehicles are being procured for effective training. This project is to expand the ARFF building with additional 90' x 95' of permanent covered canopy to provide bays to keep the ARFF vehicles sheltered and storage space for training equipment and supplies.
- Status: CPA is currently advertising a Request for Qualification statements for the Architectural/Engineering Design for this project.





# TINIAN INTERNATIONAL AIRPORT



# Tinian Airside Improvements (New Runway) – *Phase I*



- Scope: construction of an 8,600 linear foot new Runway 08/26 and shoulders connecting Taxiways B and C, and the conversion of the existing runway to a parallel taxiway and relocation of 8th Avenue including all electrical conduits and other work related to the taxiway and shoulders, runway guidance signs, relocation and installation of a new perimeter security fence.
- Status: **Project is recently completed!**



# High Speed Taxiway/Strengthening Parallel Taxiway – *Phase II*



- Scope: construction of a new High Speed Exit Taxiway "B"; the reconstruction of the Parallel Taxiway "A"; the construction/reconstruction of Taxiway "D" from its intersection with Taxiway "B"; Excavation of the 50:1 Approach Zone slope at the West end; Excavation and grading between the Parallel Taxiway "A" and the new Runway and completion of the 8th Avenue.
- Status: The bids were opened on March 17, 2006 and are currently being reviewed for award.





# Terminal Improvements (New Departure Building)



- Scope: The existing terminal building will be expanded with additional 3,249 sq. ft. area. Modifications to the existing terminal include enlarging arrival section with bigger baggage claim area with carousel, Immigration holdrooms and Customs area.

A new and separate departure terminal building of 18,294 sq. ft. area is under construction. This terminal will replicate the existing terminal building situated on east side. Features are an air-conditioned ticket lobby with 6 ticket counters, checked baggage take away belt and carousel, a designated area for EDS equipment for checked baggage screening, holdroom for over 200 passengers, a jetway, a covered walkway throughout the terminal facilities, and the rerouting of the access road with a canopy to provide protect passengers from inclement weather. This project will be completed by September 2006.



# Terminal Improvements (New Departure Building) Continuation...



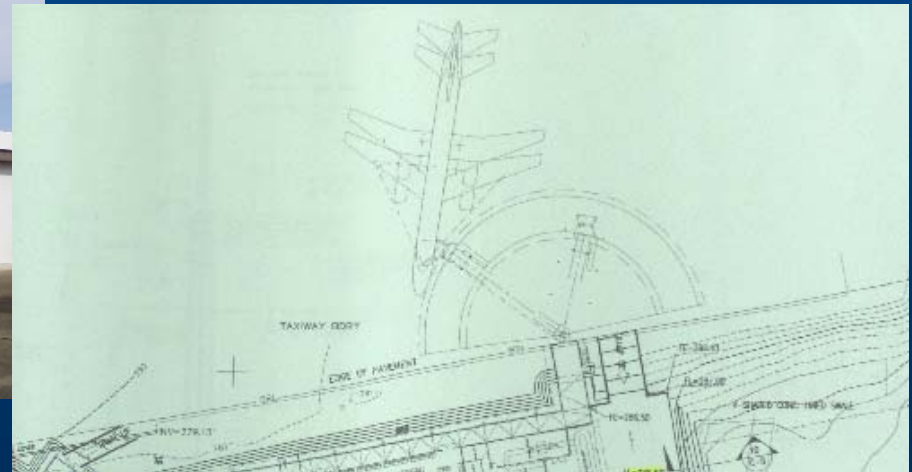
- Status: Project is ongoing. Project is approximately 64% complete. The contractor has completed the concrete foundation for both the building and the covered walkway. They are currently working on the curbside canopy and the new access road



# Passenger Loading Bridge



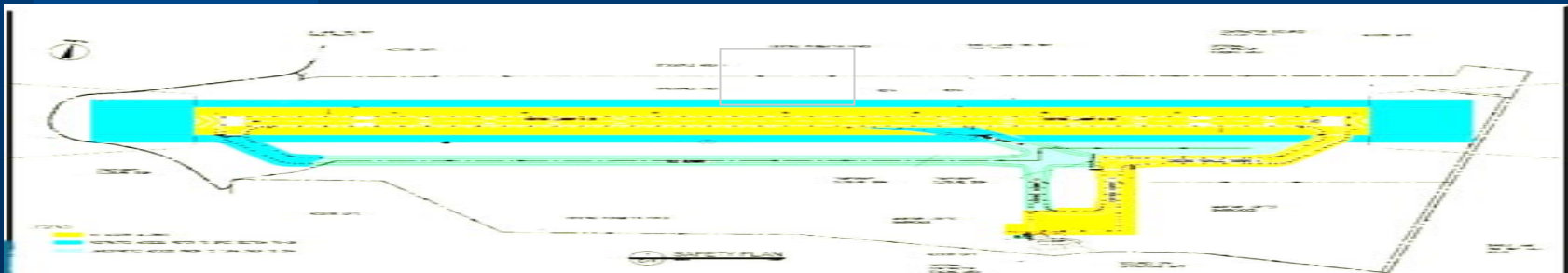
- Scope: This project consists of the procurement and installation of a passenger-loading bridge to the new departure terminal to meet anticipated increased charters and scheduled flights using jet aircraft for the casino industry.
- Status: CPA is researching the best way to implement the design in conjunction with the current Terminal Interim Expansion project.



# ARFF Building Relocation



- Scope: The existing ARFF building location has poor visibility and no direct access to the newly completed runway. In addition, with the recently leased hangar facility adjacent to the ARFF building, it will impede access for the ARFF vehicles. The objective is to relocate for best line of sight, direct access to airside and visibility for the flight service on the second floor of the new building.
- Status: CPA recently executed a grant offer for the design phase of the project. Requests for qualification statements will be advertised shortly.







# ROTA INTERNATIONAL AIRPORT



# Runway Extension Project - *Phase I*



- Scope: to extend 1,000 feet west of Runway 09 with turnaround at each runway end. The purpose is to improve capacity for direct flights into Rota International Airport using jet aircraft from Asia. Rota is also placing great effort in improving its tourism and economy. The proposed project is consistent with the Rota Master Plan Update and the Environmental Assessment recently approved by the FAA.
- Status: The contractor has begun construction of the earthwork at the west end. The next batch of equipment is scheduled to arrive by early June 2006.



# Existing Runway Improvements – *Phase* *II*



- Scope: to improve the existing runway shoulders by paving replacement of a direct-buried runway electrical system with conduits in concrete encasement.
- Status: The project is under design and is tentatively set for bidding by June 2006. Pre-final construction documents are under review by CPA and FAA. Upon approval, the project will be advertised for bids.



# OTHER PLANNED PROJECTS



- **SAIPAN INTERNATIONAL AIRPORT**-submit a request to FAA to replace old ILS system to new one, I.e. Thales
- **TINIAN INT'L AIRPORT**-ILS system for direct flights
- **ROTA INT'L AIRPORT**- ILS system for same reason as Tinian's.



# Commonwealth Ports Authority



- **An Autonomous Agency**
- **7-member Board of Directors**
- **Responsible for all airports and seaports in Saipan, Tinian and Rota**

